

Application No.10,820,522  
Second Supplemental Amendment dated 05 Jun 2006  
Reply to Office Action of November 17, 2005

**DRAFT**

**Amendments to the Specification:**

**Paragraph [0004], line 18:**

Delete the word "such" immediately prior to the word "relatively".

**Paragraph [0007], line 16; Paragraph [0009], lines 9 and 12; and Paragraph [0010], line 15:**

Delete the word "Nanawala" and replace it with the word "Nanlawala".

**Paragraph [0030]:**

Amend paragraph [0030] as follows:

[0030] The present invention resides in the computer modeling of the topography of a workpiece, such as a complex gear, by using the data created by a [gear] workpiece inspection program and adapting this data to guide a robotic apparatus to carry out such machining operations as deburring, chamfering, honing, reaming and polishing.

**Paragraph [0031]:**

Amend paragraph [0031] as follows:

[0031] Manufacturing a workpiece such as a complex aerospace gear begins with the creation of a drawing of the gear in accordance with the specifications required by the gear designer. Typical specified parameters are, for example, the number of gear teeth, the pitch and angle of the teeth, the addendum or dedendum of the gear surfaces, the face angle of the blank, the gear root angle, the outside diameter of the gear, and for spiral bevel gears, the direction of the spiral.